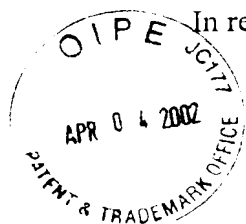


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of:

Paul Albats, Jr.; Macyln Burns;  
Mark Dalton; Anthony DeRubeis;  
Cliff Evans; Jakob Haldorsen;  
Thorkild Hansen; Douglas E. Miller;  
Michael L. Oristaglio

Docket No.: P02029US0 / 10022291

Serial No.: Filed Herewith

Group No.: Unknown

Filed: Herewith

Examiner: Unassigned

Title: A ROTATING SCANNING  
ANTENNA APPARATUS AND  
METHOD FOR LOCATING  
BURIED OBJECTS

POWER OF ATTORNEY BY ASSIGNEE AND  
REVOCATION OF PRIOR POWERS

BOX: PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

As named Assignee for the above-identified application, all powers of attorney given previously are hereby revoked and it is requested that the following attorneys be appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Ronald G. Bliss, Reg. No. 28,691; Robert J. Koch, Reg. No. 26,637; William A. Stout, Reg. No. 18,773; Paul L. Deverter, Reg. No. 19,747; James W. Repass, Reg. No. 30,487; Thomas D. Paul, Reg. No. 32,714; John M. Mings, Reg. No. 35,955; Mark E. Ungerman, Reg. No. 32,070; Peter J. Davis, Reg. No. 36,119; Charles B. Walker, Jr., Reg. No. 43,231; Richard S. Zembek, Reg. No. 43,306; Eric B. Hall, Reg. No. P-46,751.

Please send all correspondence to:

Eric B. Hall  
Fulbright & Jaworski L.L.P.  
1301 McKinney, Suite 5100  
Houston, TX 77010-3095

Direct telephone calls to:  
Eric B. Hall  
713-651-5627

WITTEN TECHNOLOGIES, INC.

Date: 13 Oct 2000

Name: Michael ORISTAGLIO  
Title: Chief Scientist

APR 04 2002

## RECORDATION FORM COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Paul Albats, Jr.; Macyln Burns; Mark Dalton;  
Anthony DeRubeis; Cliff Evans; Jakob Haldorsen;  
Thorkild Hansen; Douglas E. Miller; Michael L.  
Oristaglio

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Witten Technologies, Inc.

Internal Address: \_\_\_\_\_

Street Address: 2121 K Street, NW  
Suite 650

City: Washington

State: DC Zip: 20037

3. Nature of Conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other \_\_\_\_\_

Execution Date: 8/25/00; 8/29/00; 9/1/00; 9/27/00;  
10/13/00; 10/27/00 (9 signature pages attached)

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the  
execution date of the application is: November 1, 2000

A. Patent Application No.(s): \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: Eric B. Hall

Internal Address: Fulbright & Jaworski LLP

Street Address: 1301 McKinney

Suite 5100

City: Houston

State: TX Zip: 77010-3095

6. Total number of applications and patents involved:  
1

7. Total fee (37 CFR 3.41): ..... \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

06-2375

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Eric B. Hall

Name of Person Signing

Eric B. Hall

Signature

Nov. 1, 2000

Date

Total number of pages including cover sheet, attachments, and document.

11

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT ASSIGNMENT

WHEREAS, we Paul Albats, Jr., a citizen of the United States, residing at 141 Seth Low Mountain Road, Ridgefield, CT 06877; Macyn Burns, a citizen of the United States of America, residing at 513 Avalon Lake Road, Danbury, CT 06810; Mark Dalton, a citizen of the United States, residing at 103 Tower Road, Brookfield, CT 06804; Anthony DeRubeis, a citizen of the United States, residing at 215 Avalon Lake Road, Danbury, CT 06810; Cliff Evans, a citizen of the United States, residing at 12 Ashford Lane, Newtown, CT 06470; Jakob Haldorsen, a citizen of Norway, residing at 113 Ward Street, Norwalk, CT 06850; Thorkild Hansen, a citizen of Denmark, residing at 2000 Commonwealth Ave., Apt. 1008, Brighton, MA 01135; Douglas E. Miller, a citizen of the United States, residing at 6 Rose Lane, Sandy Hook, CT 06482; and Michael L. Oristaglio, a citizen of the United States of America, residing at 8 Stonewall Ridge Road, Newtown, CT 06470; (herein called "Assignors"), are the inventors and owners of a certain new and useful invention(s) (herein "Invention") and improvement(s) entitled A ROTATING SCANNING ANTENNA APPARATUS AND METHOD FOR LOCATING BURIED OBJECTS; and

WHEREAS, Witten Technologies, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Florida, and having a principal place of business at 2121 K Street, NW, Suite 650, Washington, DC 20037 (herein called "Assignee"), is desirous of acquiring and Assignors are desirous of assigning to Assignee all right, title and interest in and to said Invention, improvement and any patent and patent application thereon in A ROTATING SCANNING ANTENNA APPARATUS AND METHOD FOR LOCATING BURIED OBJECTS;

NOW, THEREFORE, Assignors, for and in consideration of One Dollar (\$1.00) cash in hand paid to them and for other good and valuable consideration, the receipt and sufficiency of

which is hereby acknowledged, do hereby SELL, ASSIGN and CONVEY unto Assignee all our right, title, and interest throughout the world in and to:

1. Said Invention and improvements in A ROTATING SCANNING ANTENNA APPARATUS AND METHOD FOR LOCATING BURIED OBJECTS;

2. United States of America patent application on said Invention filed herewith, under Serial No. Unassigned;

3. All applications for patent or like protection on said Invention that have now been or may in the future be made by Assignors or their legal representatives, whether in the United States of America or any other country or place anywhere in the world;

4. All patents and like protection that have now been or may in the future be granted on said Invention to Assignors or their legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future law or statutes;

6. All rights of action on account of past, present and future unauthorized use of said Invention and for infringement of said patents and like protection;

7. The right to Assignee to file in its name applications for patents and like protection for said Invention in any country or countries foreign to the United States; and

8. All international rights or priority associated with said Invention, applications, patents and like protection.

Assignors covenant that Assignors, their heirs, legal representatives, assigns, administrators, and executors will, at the expense of Assignee, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give Assignee, its successors and assigns, the full benefit of this Assignment.

The U.S. Commissioner of Patents and Trademarks is hereby requested to issue U.S. Letters Patent in accordance with this Assignment.

EXECUTED on the date indicated below opposite our signatures.

DATE: Sept 27, 2000

Paul Albats, Jr.  
Paul Albats, Jr.

DATE: \_\_\_\_\_

\_\_\_\_\_  
Macyln Burns

DATE: \_\_\_\_\_

\_\_\_\_\_  
Mark Dalton

DATE: \_\_\_\_\_

\_\_\_\_\_  
Anthony DeRubeis

DATE: \_\_\_\_\_

\_\_\_\_\_  
Cliff Evans

DATE: \_\_\_\_\_

\_\_\_\_\_  
Jakob Haldorsen

DATE: \_\_\_\_\_

\_\_\_\_\_  
Thorkild Hansen

DATE: \_\_\_\_\_

\_\_\_\_\_  
Douglas E. Miller

DATE: \_\_\_\_\_

\_\_\_\_\_  
Michael L. Oristaglio

The U.S. Commissioner of Patents and Trademarks is hereby requested to issue U.S. Letters Patent in accordance with this Assignment.

EXECUTED on the date indicated below opposite our signatures.

DATE: \_\_\_\_\_

\_\_\_\_\_  
Paul Albats, Jr.

DATE: 9/1/00

Maclyn Burns  
Maclyn Burns

DATE: \_\_\_\_\_

\_\_\_\_\_  
Mark Dalton

DATE: \_\_\_\_\_

\_\_\_\_\_  
Anthony DeRubeis

DATE: \_\_\_\_\_

\_\_\_\_\_  
Cliff Evans

DATE: \_\_\_\_\_

\_\_\_\_\_  
Jakob Haldorsen

DATE: \_\_\_\_\_

\_\_\_\_\_  
Thorkild Hansen

DATE: \_\_\_\_\_

\_\_\_\_\_  
Douglas E. Miller

DATE: \_\_\_\_\_

\_\_\_\_\_  
Michael L. Oristaglio

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DATE: \_\_\_\_\_

\_\_\_\_\_  
Paul Albats, Jr.

DATE: \_\_\_\_\_

\_\_\_\_\_  
Macyln Burns

DATE: 8/25/00

  
Mark Dalton

DATE: \_\_\_\_\_

\_\_\_\_\_  
Anthony DeRubeis

DATE: \_\_\_\_\_

\_\_\_\_\_  
Cliff Evans

DATE: \_\_\_\_\_

\_\_\_\_\_  
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\_\_\_\_\_  
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Anthony DeRubeis

DATE: \_\_\_\_\_ Cliff Evans

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DATE: \_\_\_\_\_ Thorkild Hansen

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DATE: \_\_\_\_\_ Mark Dalton

DATE: \_\_\_\_\_ Anthony DeRubeis

DATE: 8/25/00  Cliff Evans

DATE: \_\_\_\_\_ Jakob Haldorsen

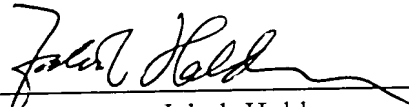
DATE: \_\_\_\_\_ Thorkild Hansen

DATE: \_\_\_\_\_ Douglas E. Miller

DATE: \_\_\_\_\_ Michael L. Oristaglio

The U.S. Commissioner of Patents and Trademarks is hereby requested to issue U.S. Letters Patent in accordance with this Assignment.

EXECUTED on the date indicated below opposite our signatures.

DATE: _____	_____ Paul Albats, Jr.
DATE: _____	_____ Macyln Burns
DATE: _____	_____ Mark Dalton
DATE: _____	_____ Anthony DeRubeis
DATE: _____	_____ Cliff Evans
DATE: <u>Oct. 27, 2000</u>	 _____ Jakob Haldorsen
DATE: _____	_____ Thorkild Hansen
DATE: _____	_____ Douglas E. Miller
DATE: _____	_____ Michael L. Oristaglio

The U.S. Commissioner of Patents and Trademarks is hereby requested to issue U.S. Letters Patent in accordance with this Assignment.

EXECUTED on the date indicated below opposite our signatures.

DATE: \_\_\_\_\_

Paul Albats, Jr.

DATE: \_\_\_\_\_

Macyln Burns

DATE: \_\_\_\_\_

Mark Dalton

DATE: \_\_\_\_\_

Anthony DeRubeis

DATE: \_\_\_\_\_

Cliff Evans

DATE: \_\_\_\_\_

Jakob Haldorsen

DATE: 29 Aug 00

*Thorkild Hansen*

Thorkild Hansen

DATE: \_\_\_\_\_

Douglas E. Miller

DATE: \_\_\_\_\_

Michael L. Oristaglio

The U.S. Commissioner of Patents and Trademarks is hereby requested to issue U.S. Letters Patent in accordance with this Assignment.

EXECUTED on the date indicated below opposite our signatures.

DATE: \_\_\_\_\_

\_\_\_\_\_  
Paul Albats, Jr.

DATE: \_\_\_\_\_

\_\_\_\_\_  
Macyn Burns

DATE: \_\_\_\_\_

\_\_\_\_\_  
Mark Dalton

DATE: \_\_\_\_\_

\_\_\_\_\_  
Anthony DeRubeis

DATE: \_\_\_\_\_

\_\_\_\_\_  
Cliff Evans

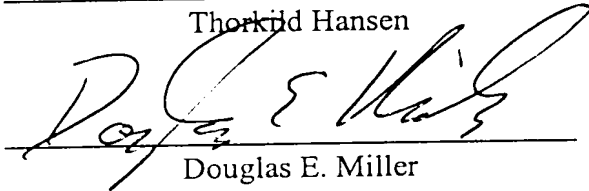
DATE: \_\_\_\_\_

\_\_\_\_\_  
Jakob Haldorsen

DATE: \_\_\_\_\_

\_\_\_\_\_  
Thorkild Hansen

DATE: Oct 27 2000

  
\_\_\_\_\_  
Douglas E. Miller

DATE: \_\_\_\_\_

\_\_\_\_\_  
Michael L. Oristaglio

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DATE: \_\_\_\_\_ Mark Dalton

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DATE: \_\_\_\_\_ Thorkild Hansen

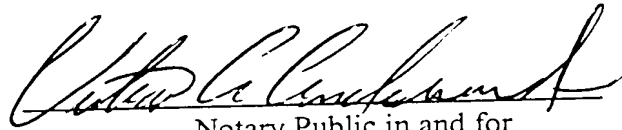
DATE: \_\_\_\_\_ Douglas E. Miller

DATE: 13 Dec 2000 \_\_\_\_\_  
Michael L. Oristaglio

THE STATE OF CONNECTICUT  
COUNTY OF FAIRFIELD

§  
§ Rogersfield  
§

This instrument was acknowledged by Paul Albats, Jr., on the 27<sup>th</sup> day  
of September, 2000.



Notary Public in and for  
the State of Connecticut  
VICTOR A. ANDERSON SR.  
Notary Public  
My Commission Expires  
August 31, 2002

My Commission Expires:

\_\_\_\_\_

THE STATE OF CONNECTICUT  
COUNTY OF \_\_\_\_\_

§  
§  
§

This instrument was acknowledged by Macyn Burns, on the \_\_\_\_\_ day  
of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Notary Public in and for  
the State of Connecticut

My Commission Expires:

\_\_\_\_\_

THE STATE OF CONNECTICUT  
COUNTY OF \_\_\_\_\_

§  
§  
§

This instrument was acknowledged by Paul Albats, Jr., on the \_\_\_\_\_ day  
of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Notary Public in and for  
the State of Connecticut

My Commission Expires:  
\_\_\_\_\_

THE STATE OF CONNECTICUT  
COUNTY OF Fairfield

§  
§  
§

This instrument was acknowledged by Macyln Burns, on the 1ST day  
of September, 2000.

Ruth A. Schreiber  
Notary Public in and for  
the State of Connecticut

My Commission Expires:  
**MY COMMISSION EXPIRES**  
**JULY 31, 2005**  
\_\_\_\_\_

THE STATE OF CONNECTICUT

§  
§  
§

COUNTY OF Fairfield

This instrument was acknowledged by Mark Dalton, on the 25<sup>th</sup> day  
of August, 2000.

Paul A. Schreiber

Notary Public in and for  
the State of Connecticut

**MY COMMISSION EXPIRES  
JULY 31, 2005**

My Commission Expires:

\_\_\_\_\_

THE STATE OF CONNECTICUT

§  
§  
§

COUNTY OF \_\_\_\_\_

This instrument was acknowledged by Anthony DeRubeis, on the \_\_\_\_\_ day  
of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Notary Public in and for  
the State of Connecticut

My Commission Expires:

\_\_\_\_\_



THE STATE OF CONNECTICUT  
COUNTY OF \_\_\_\_\_

§  
§  
§

This instrument was acknowledged by Mark Dalton, on the \_\_\_\_\_ day  
of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Notary Public in and for  
the State of Connecticut

My Commission Expires:  
\_\_\_\_\_

THE STATE OF CONNECTICUT  
COUNTY OF Fairfield

§  
§  
§

This instrument was acknowledged by Anthony DeRubeis, on the 1<sup>st</sup> day  
of September, 2000.

Quah A. Schreiber

Notary Public in and for  
the State of Connecticut

My Commission Expires:

**MY COMMISSION EXPIRES**  
JULY 31, 2005

THE STATE OF CONNECTICUT  
COUNTY OF Fairfield

§  
§  
§

This instrument was acknowledged by Cliff Evans, on the 25<sup>th</sup> (hrs) day of August, 2000.

Ruth A. Schreiber

Notary Public in and for  
the State of Connecticut

MY COMMISSION EXPIRES  
JULY 31, 2005

My Commission Expires:

\_\_\_\_\_

THE STATE OF CONNECTICUT  
COUNTY OF \_\_\_\_\_

§  
§  
§

This instrument was acknowledged by Jakob Haldorsen, on the \_\_\_\_\_ day  
of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Notary Public in and for  
the State of Connecticut

My Commission Expires:

\_\_\_\_\_

THE STATE OF CONNECTICUT

§  
§  
§

COUNTY OF \_\_\_\_\_

This instrument was acknowledged by Cliff Evans, on the \_\_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Notary Public in and for  
the State of Connecticut

My Commission Expires:  
\_\_\_\_\_

THE STATE OF CONNECTICUT

§  
§  
§

COUNTY OF Fairfield

This instrument was acknowledged by Jakob Haldorsen, on the 27<sup>th</sup> day of October, 2000.

*Ruth A. Schreiber*  
Notary Public in and for  
the State of Connecticut

My Commission Expires:  
**MY COMMISSION EXPIRES**  
**JULY 31, 2005**  
\_\_\_\_\_

THE STATE OF MASSACHUSETTS

COUNTY OF

Suffolk

§  
§  
§

This instrument was acknowledged by Thorkild Hansen, on the 5<sup>th</sup> day  
of September, 2000.

John J. Raper  
Notary Public in and for  
the State of Massachusetts

My Commission Expires:

12/10/2001

THE STATE OF CONNECTICUT

COUNTY OF \_\_\_\_\_

§  
§  
§

This instrument was acknowledged by Douglas E. Miller, on the \_\_\_\_\_ day  
of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Notary Public in and for  
the State of Connecticut

My Commission Expires:

\_\_\_\_\_

THE STATE OF MASSACHUSETTS      §  
   §  
COUNTY OF \_\_\_\_\_ §

This instrument was acknowledged by Thorkild Hansen, on the \_\_\_\_\_ day  
of \_\_\_\_\_, 2000.

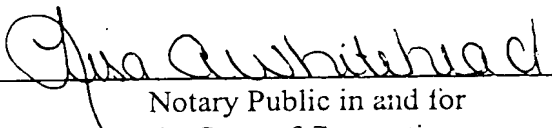
\_\_\_\_\_  
Notary Public in and for  
the State of Massachusetts

My Commission Expires:

\_\_\_\_\_

THE STATE OF CONNECTICUT      §  
   §  
COUNTY OF Fairfield §

This instrument was acknowledged by Douglas E. Miller, on the 27 day  
of Oct, 2000.

  
Notary Public in and for  
the State of Connecticut

My Commission Expires:

2/28/04

THE STATE OF CONNECTICUT

COUNTY OF Fairfield

§  
§  
§

This instrument was acknowledged by Michael L. Oristaglio, on the 13<sup>th</sup> day  
of October, 2000.

Ruth A. Schreiber

Notary Public in and for  
the State of Connecticut

My Commission Expires:  
**MY COMMISSION EXPIRES**  
**JULY 31, 2005**